ABSTRACT

The invention pertains to an optical coupler comprising at least one input waveguide, a coupling region, and a plurality of output waveguides. The coupling region comprises a plurality of coupled waveguides, which diverge with respect to each other in the propagation direction of electromagnetic radiation launched in the said input waveguide. In these couplers, both the amplitude distribution and a phase distribution can be accurately matched the output waveguides resulting in relatively low loss and cross-talk.